

Cyclone Approvals

Process	Description	OEM Approvals										NADCAP		
		Airbus	Boeing	Bombardier	de Havilland	Embraer	Israel Aerospace Industries (IAI)	Lockheed Martin	Shorts	Spirit Aerosystem	UTC	Viking	CANADA	POLAND
Heat Treatment	Heat Treatment + Aging + Stress Relief	AIPS 04-01-001***	BAC 5602	BAPS 168-007*** BAPS 168-015 BAPS 168-030	PPS 30.04*** PPS 30.06***	-	PS 013000	C-0521** AMS-2770 **	-	SPS-106020	RPS 12.01*** RPS 12.31		NADCAP HT (Milton) Cert. #: 9052183926 Exp. Dt: 31 July 2021	-
Non-Destructive Testing	Penetrant Inspection	AITM 6-1001 AITM 6-6004 IGC04-23-120	BAC 5423 BSS 7039 NAS 410***	BAPS 176-002***	-	NE 07-001	PS 810100	MIL-STD-6866/ ASTM E 1417 C-0567** LMA-PC201** LMA-PG001**	-	SPS-104230 NAS 410	RPS 18.10***	VPS 20.03	NADCAP NDT (Century) Cert. #: 5841192104 Exp. Dt: 30 November 2022	NADCAP NDT Cert. #: 15730191080 Exp. Dt: 31 January 2021
Shot Peen	Shot Peen + Shot Peen Forming	AIPS 02-02-004*** AIPS 03-10-001	BAC 5730	BAPS 185-002 BAPS 185-003	PPS 17.03 PPS 17.04	NE 03-076*** NE 40-072 NE 40-100	PS 220100	AMS 2430** C-1476**	P.SPEC. 703	SPS-107300			NADCAP SE (Century) Cert. #: 5841191472 Exp. Dt: 31 January 2022	-
Chemical Processing	Boric Sulphuric Acid Anodizing	-	BAC 5632	-	-	-	-	-	-	-			NADCAP CP (Century) Cert. #: 5841190103 Exp. Dt: 30 April 2022	NADCAP CP Cert. #: 15730191109 Exp. Dt: 31 January 2021
	Chromic Acid Anodizing	AIP1 02-01-001	BAC 5019	BAPS 160-010	-	NE 40-030	PS 231120	MIL-A-8625** STP 58-209 ** 2ZZP00001**	-	MIL-A-8625 Type 1B	RPS 13.56	VPS 32.03		
	Tartaric Sulphuric Acid Anodizing	AIPS 02-01-003***	-	-	-	-	-	-	-	-				
	Chem Film / Conversion Coating	AIPS 02-05-001***	BAC 5719	BAPS 160-020 BAPS 160-040	PPS 32.35	NE 40-006	PS 233100 PS 233200	AMS-C-5541/MIL-DTL- 5541** STP 58-405**	-	SPS 107100				
	Passivation	-	BAC 5625	BAPS 180-015	-	-	-	-	-	-				
Paint	Primer + Topcoat + Fuel Tank Coating + Miscellaneous	ADET 0071 AIPS 05-02-003 AIPS 05-02-009*** AIPS 05-02-011*** AIPS 09-04-001	BAC 5710 BAC 5736 BAC 5845 BAC 5882 BAC 5793	BAPS 138-029 BAPS 138-043 BAPS 138-044 BAPS 138-046 BAPS 138-055 BAPS 157-026 BAPS 710-003 BAPS 710-008	PPS 21.03*** PPS 32.09 PPS 34.01 PPS 34.03 PPS 34.08 PPS 34.16 PPS 34.20	NE 40-135 NE 40-143 NE 40-159 NE 40-160	PS 243500 PS 243701 PS 243900 PS 243520 PS 249150	MIL-C-27725/AMS-C- 27725** G639 ** C-378-M** LMA-P1264**	P.SPEC. 910	SPS 107360	RPS 13.84*** RPS 13.97***	VPS 34.08		
Machining/ Fabrication/ plating	Machining/ Fabrication/ plating	AIPS 01-02-003 AIPS 03-11-001 AIPS 03-11-003 AIPS 03-10-005	BAC 5300	BAPS 136-120 BAPS 160-031*** BAPS 174-002*** BAPS 188-001 BAPS 188-002 BAPS 185-000***	PPS 01.02 PPS 01.21 PPS 01.36*** PPS 33.12	NE 03-051	PS 551100	-	-	-		VPS 20.07 VPS 20.08	-	-
	Part Marking	AIPS 08-03-002	BAC 5307	BAPS 144-005*** MPS 250-201	PPS 15.01	NE 01-040	PS 500100	-	-	SPS-103070			-	-
	Inspection Methods	IGC 04-25-120	BAC 5650 BAC 5946	BAPS 168-013*** MPS 250-303	PPS 20.07 PPS 20.08	-	PS 800200 PS 800400 PS 851000	LMA-PC009** C-0566 **	-	AMS 2658	RPS 18.11		NADCAP MI (Meadowpine) Cert. #: 16485194172 Exp. Dt: 31 July 2021 NADCAP MI (Rapistan) Cert. #: 13149194171 Exp. Dt: 31 July 2021	-
	Electrical Bonding	AIPS 07-01-006*** AITM 6-9008***	-	BAPS 145-002***	PPS 9.06***	PF80-241	-	-	-	-			-	-
	Welding	-	BAC 5945 BAC 5975***	BAPS 172-034 **	PPS 37.03 PPS 37.04 PPS 37.06 PPS 37.10	-	-	STP 55-104**	-	-			NADCAP WLD (Milton) Cert. #: 9052189161 Exp. Dt: 31 April 2021	-

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		Airbus	Boeing	Bombardier	de Havilland	Embraer	Israel Aerospace Industries (IAI)	Lockheed Martin	Shorts	Spirit Aerosystem	UTC	Viking	CANADA	POLAND
Miscellaneous	Assembly	<i>AIPS 01-01-004</i> AIPS 01-02-003*** AIPS 01-02-008 AIPS 01-02-013 AIPS 01-02-017 AIPS 01-02-019*** AIPS 01-02-022 AIPS 01-03-002 AIPS 01-03-004 <i>AIPS 01-03-010</i> AIPS 03-03-012*** <i>AIPS 03-06-004</i> AIPS 03-06-009 AIPS 05-05-001*** AIPS 05-05-003 AIPS 05-05-004 AIPS 05-05-006	BAC 5000 BAC 5004 BAC 5064 BAC 5435	BAPS 150-003 BAPS 151-001*** BAPS 157-027*** PPS 12.04 PPS 21.20 PPS 21.21 PPS 25.23*** PPS 25.55*** PPS 25.63			FPS 5720 (FACC) FPS 5866 (FACC)							
	Chemical Cleaning	<i>AIPi 09-01-002</i> <i>AIPi 09-01-003</i>	BAC 5749 BAC 5765 BAC 5786	BAPS 180-001*** BAPS 180-029 BAPS 180-030 BAPS 180-032	PPS 31.02	NE 40-012	PS 211600	C-0170**		<i>SPS-107490</i>	RPS 15.52***			
	Laboratory	AITM 2-0027 AITM 3-0030 AITM 3-0035 AITM 3-0036 AITM 7-0008 ISO 2360 ISO 2409 ISO 2808 ISO 9227 (ASTM B117) AITM 1-0022 AITM 1-0024 AITM 3-0034 ISO 2812-2 AITM 1-0070 (incl. ISO 4287)* AITM 3-0038* ASTM D1125* ASTM D1293* ISO 2106*	ASTM B-117***	BAERD-GEN-018			<i>PS 808000</i>	ASTM B-117**			ASTM B-117 SS5-143020			

Notes:
 Spec in black, were already on previous OEM Approval list (Approvals are verified)
Spec in Blue and Italic are not Special processes (No need for Approval)
 * (Qualified only for Cyclone Poland)
 ** (Qualification on Hold)
 *** (Qualified with limitations)